

ABSTRACT

A method for interfacing a digital set-top box with a digital television in accordance with Electronics Industries Association standard 775A. According to one embodiment, a multiple program transport stream is received and filtered. The filtering process produces a single program transport stream based on a program selected by a user. The single program transport stream is provided to the digital television over a 1394 bus in accordance with EIA standard 775A. The program association information associated with the single program transport stream is also provided to the digital television. In one embodiment, the invention contains a component performing on-screen display function for user interface information displayed on a DTV.